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CLAIMS

- 1. A process for the production of alcoholic beverages, to which a mixture of enzymes is added, which mixture comprises at least an endo- $\mathbb{S}(1,4)$ -xylanase, an arabinofuranosidase, an alpha-amylase, an endo-protease and a \mathbb{S} -(1,3;1,4)-glucanase.
- 2. A process according to claim 1, where the mixture also comprises a saccharifying amylase.
- 3. A process according to claim 1 or 2, where the mixture also comprises an exo-peptidase.
- 4. A process according to any of claim 1-3, characterized in that that alcoholic beverage is beer.
- 5. A process according to any one of the claims 1-4, characterized in that each of said enzymes is provided by the seeds of an individual transgenic plant line.
- 6. A process according to any of claims 1-4, characterized in that that more than one enzyme is provided by the seeds of an individual transgenic plant line.
- 25 7. A process according to any of claims 1-6, characterized in that at least one enzyme is provided by the seeds of an individual plant line.
 - 8. A process according to any of claims 5-7, characterized in that the transgenic plant line is a barley plant line.
 - 9. Transgenic seeds for use in the production of alcoholic beverages, expressing the enzymes which are necessary in the process for production of said beverages.
- 35 10. Transgenic seeds according to claim 9, expressing enzymes selected from the group of alpha-amylase, endo-ß-1,4-xylanase, ß-1,3-1,4-glucanase, endoprotease, arabinofuranosidase, saccharifying amylase and exopeptidase.

AMENDED CLAIMS PCT August 1998

- 1. A process for the production of alcoholic beverages, to which a mixture of enzymes is added, which mixture comprises at least an endo- $\Im(1,4)$ -xylangse, an arabinofuranosidase, an alpha-amylase, an endo-protease and a $\Im(1,3;1,4)$ -glucanase.
- 2. A process according to claim 1, where the mixture also comprises a saccharifying amylase.
- 3. A process according to claim 1 or 2, where the mixture also comprises an exo-peptidase.
- 4. A process according to any of claim 1-3, characterized in that that alcoholic beverage is been.
- 5 A process according to any one of the claims 1-4, characterized in that each of said enzymes is provided by the seeds of an individual transgenic plant line.
- 6. A process according to any of claims 1-4, characterized in that that more than one enzyme is provided by the seeds of an individual transgenic plant line.
- 7. A process according to any of claims 1-6, characterized in that at least one enzyme is provided by the seeds of an individual plant line.
- 8. A process according to any of claims 5-7, characterized in that the transgenic plant line is a barley plant line.